

**POLYURETHANE FOAM, MANUFACTURING PROCESS AND USE**

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**ABSTRACT**

The subject of the invention is a water-impermeable flexible polyurethane foam obtained by reacting a polyol component, which comprises at least one hydrophobic polyol, with a polyisocyanate component in the presence of a foaming agent, characterized in that it has a compression force of less than or equal to 12 kPa for 50% compression.

Advantageously it has a density not exceeding  $150 \text{ kg/m}^3$ , preferably not exceeding  $60 \text{ kg/m}^3$ .

The foam may be obtained by a cast-foam manufacturing process or by molding.

It can be used as a water-impermeable seal.